

HOLOVISION

Manual Type 1.1.0.5-RF

Viking W-1000, C-1000B
with Essex 265 controller

For Models

101-VIK	203-VIK
103-VIK	301-VIK
107-VIK	302-VIK
201-VIK	

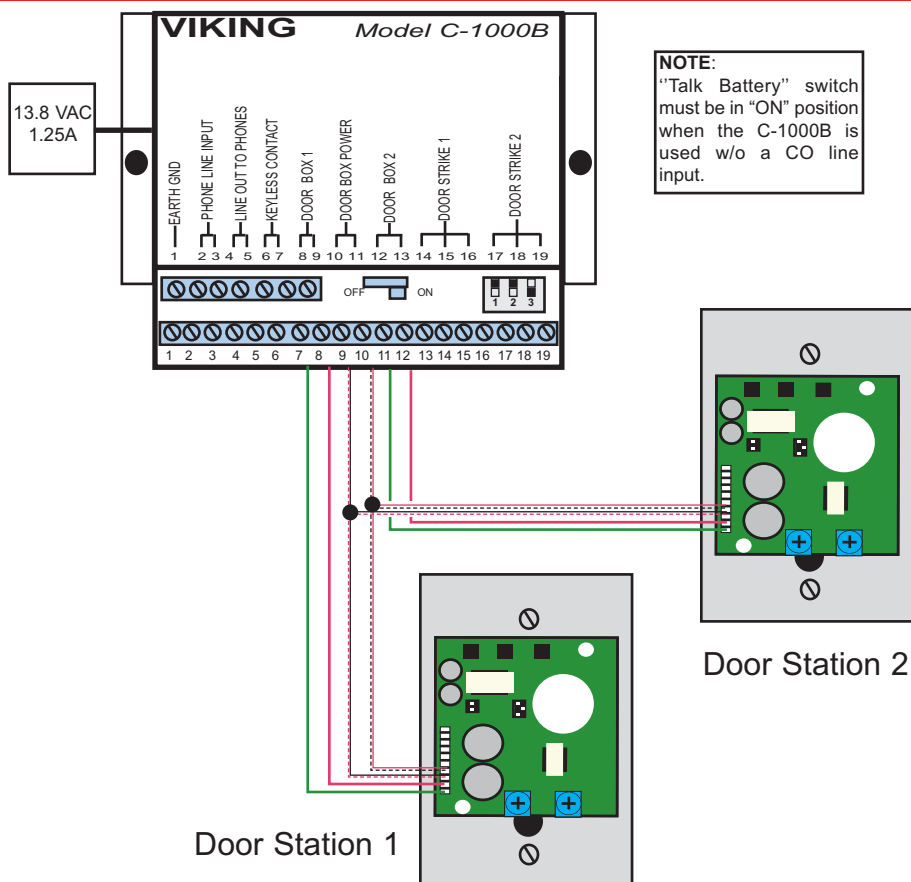
Specifications

Communication

Viking W-1000 Doorbox uses "half-duplex" communication, allowing for high speaker and microphone volume, without the possibility of feedback

Access Control

Essex 5 button keypad
2 relays
5-6 users
16.5 VAC power supply included
Internal rectifier gives optional "DC out" for strikes



NOTE: See "Doorphone Adjustments and Programming" for volume adjustments and DIP switch settings.

INSTALLATION INSTRUCTIONS

501 E. Goetz Ave.
Santa Ana, Ca 92707

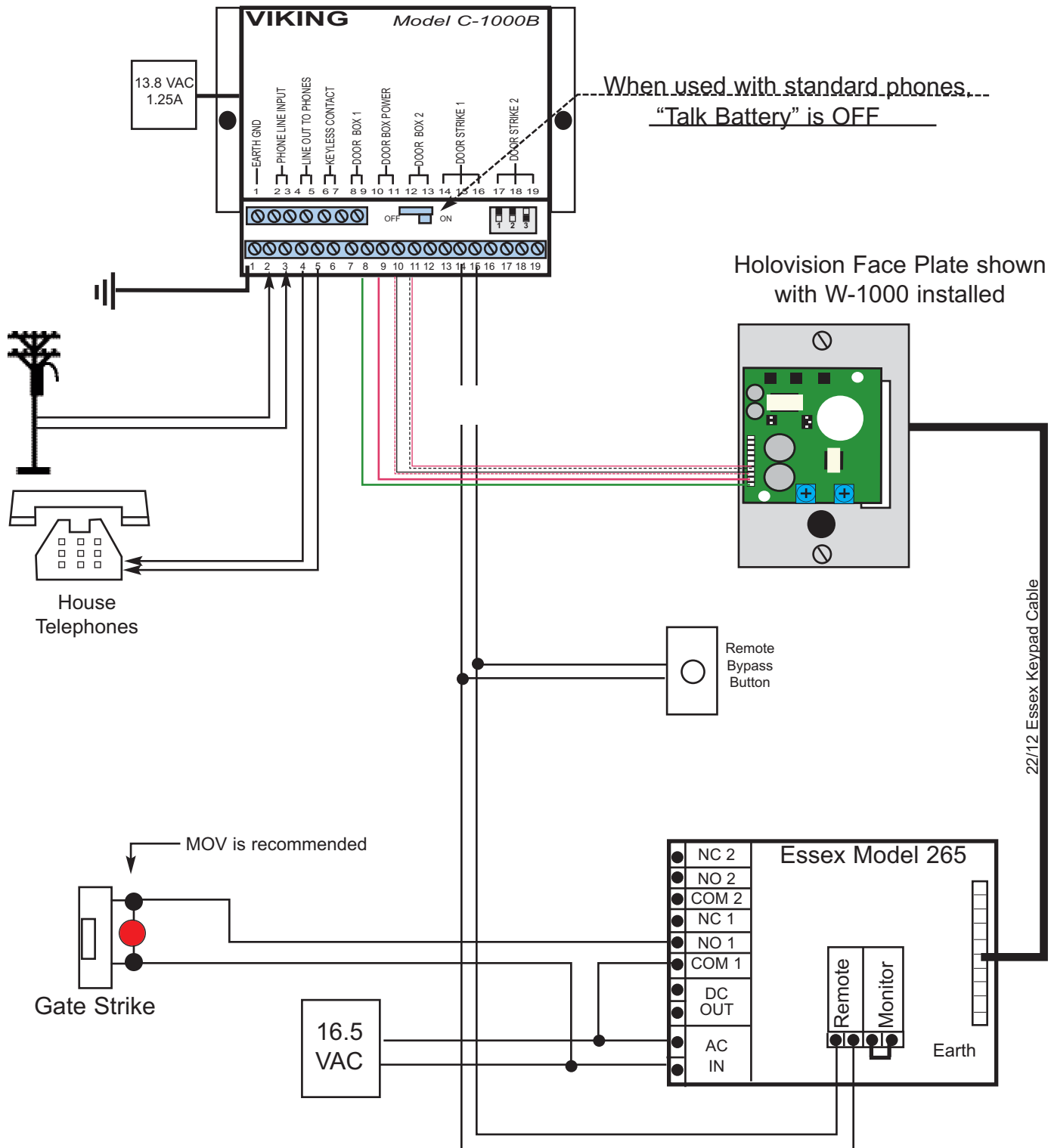
www.eholovision.com

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Fax 800-362-0002

HOLOVISION

Viking C-1000B and Essex CM265 Wiring

AC Out For Strike

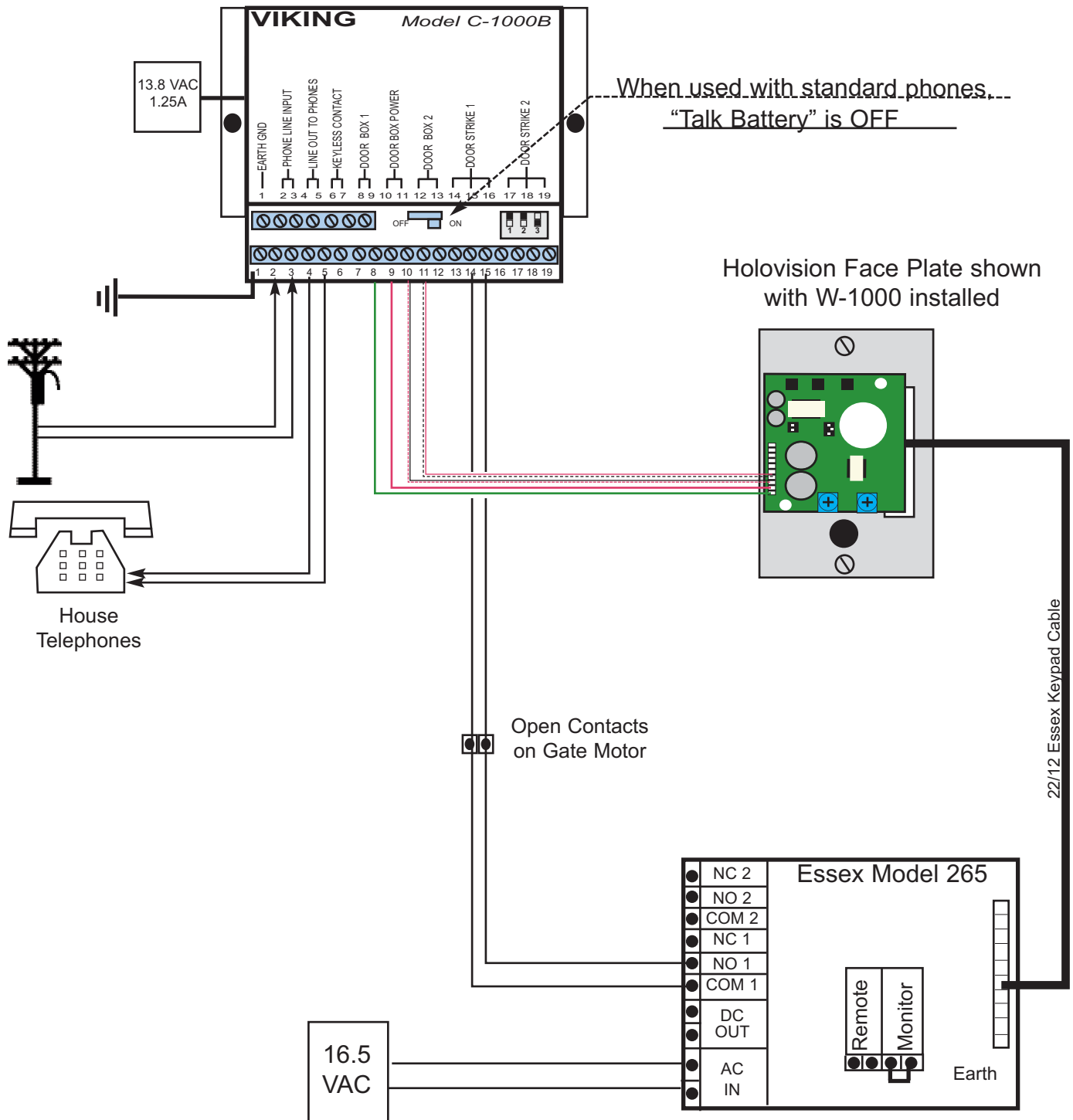


NOTE 1: Remove the jumper wire & MOVs from left side terminal strip. Wire right side terminal strip "color for color".

NOTE 2: MOV (metal oxide varistor) is the small red component which is included. Its purpose is to absorb "inductive kick back" which can be created when power is removed from the strike.

Viking C-1000B and Essex CM265 Wiring

Contact Closure for Gate



NOTE : Remove the jumper wire & MOVs from left side terminal strip. Wire right side terminal strip "color for color".

W-1000 Adjustments and Programming

Microphone Volume

In certain noisy locations (traffic or wind), the microphone volume may need to be decreased. A symptom of this is one-way talk path, in which the distant party cannot be heard over the speaker. A "MIC VOL" adjustment is provided on the doorphone for increasing or decreasing the microphone volume.

Speaker Volume

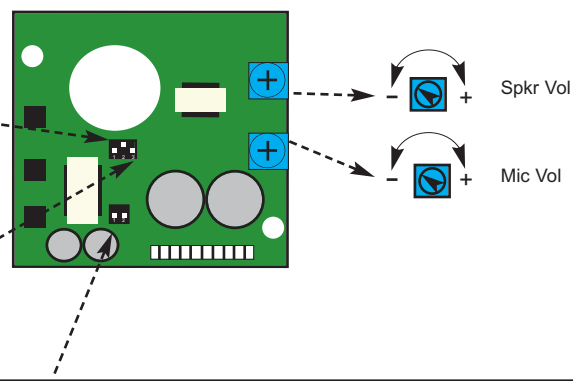
The "SPKR VOL" pot can be adjusted to increase or decrease the speaker volume to the desired level.

Maximum Number of Rings

The maximum number of rings can be adjusted using the DIP switches.

Sw 1	Sw 2	Max Rings
OFF	OFF	2
ON	OFF	3
OFF	ON	10
ON	ON	30

Sw 3	Communication Mode
OFF	Normal Hands Free (Default)
ON	Push to Talk



Sw 1	Sw 2	Ring Cadence
OFF	OFF	Standard- 1 sec. on, 3 sec off (default)
ON	OFF	Double- 1 sec. on, 0.5 sec. off, 1 sec. on, 3.5 sec. off
OFF	ON	Short/Short/Long- 0.5 sec. on, 0.5 sec. off, 0.5 sec. on, 0.5 sec. off, 1 sec. on, 3 sec. off
ON	ON	Short/Long/Short- 0.5 sec. on, 0.5 sec. off, 1 sec. on, 0.5 sec. off, 0.5 sec. on, 3 sec. off

The C-1000 controller is factory set to work right out of the box. If customization of the default settings is required, see the steps listed below. Refer to the C-1000 manual for additional options

C-1000B Door Controller Programming

Step	Action
1	Disconnect the PHONE LINE INPUT.
2	Slide the TALK BATTERY switch to the ON position.
3	Move DIP SWITCH 2 from OFF to ON.
4	Connect a phone to terminals 4 & 5 - LINE OUT TO PHONES.
5	Pick up the phone (you will hear a double beep - indicating that you have accessed the PROGRAMMING MODE).
6	You can now Touch Tone program the features listed below. SEE HOLOVISION Programming NOTES.
7	When Finished, hang up and move DIP SWITCH 2 to the OFF position
8	Slide the TALK BATTERY switch back to the OFF position
9	Reconnect line to PHONE LINE OUT

HOLOVISION's Programming Notes

Doorstrike Activation Time - Generally the default setting of 1/2 sec is fine. The momentary contact can open a motorized gate, or activate the relay on the "S-12" keypad. For other keypad types this will be changed.

Doorbell Mode (*1)- phones will not ring when doorbell is pushed. This is useful when conventional door chimes are desired. In order to use this feature, the Auxiliary Contacts must be programmed. (see above)

Custom Ring Mode (*2)- Distinguishes doorbox ring from CO ring when connected to KSU.

CCTV Video Control Mode (*8)- The C-1000B can switch 2 CCTV cameras, displaying the camera at the doorbox which initiates the call. This mode cannot be used when the "Auxiliary Contacts" are being used.

Disable Special Modes (*0) - Use this command to disable (clear) all special modes programmed.

REFER TO C-1000B MANUAL FOR MORE INFORMATION ON THESE, AND OTHER MODES OF OPERATION.

Return to normal use mode

Step	Action
1	Slide the TALK BATTERY switch to the OFF position.
2	Move DIP SWITCH 2 from ON to OFF.
3	Re-connect the PHONE LINE INPUT and LINE OUT TO PHONES.

OPERATION OF C-1000B

ANSWER A CALL FROM DOORBOX

When the phones ring, pick up a phone to be connected to the visitor. When the C-1000B controller is used, you will hear a beep tone when the phone is answered - one beep for doorbox 1, and 2 beeps for doorbox 2.

PLACING CO LINE CALLS ON HOLD (CALL WAITING)

If a phone call is in progress, and a door box is activated, a single or double "call waiting" tone will be heard. To place the call in progress on hold and speak to the visitor, push #. When you want to return to the original phone call, push #.

ACTIVATING A DOORSTRIKE OR OPENING A GATE

To open the gate, you must first be connected to the doorbox. Push **. You will then hear a confirmation tone, and the relay will be activated for the programmed time. If a call was already in progress, pressing ** will open the gate, and return the system to the original phone call.

LATCH / UNLATCH A GATE

To use this feature, you must first be connected to the doorbox.

Latch relay 1 or 2 * 1

Unlatch relay 1 or 2 * 0

Set Essex Relay Options

GOAL: To use jumper pins on circuit board to configure standard relay options. In this configuration, Codes 1 and 2 operate Relay 1. Codes 3, 4, 5 operate Relay 2.

Step	Action			
1	Relay 1 and 2 activate. Only Relay 1 latch*			
Code	Relay 1		Relay 2	
	Open	Latch	Open	Latch
Master Code	No	No	No	No
Code 1,2	Yes	Yes	No	No
Code 3, 4, 5	No	No	Yes	No

Step	Action			
2	Relay 1 and 2 activate and latch*			
Code	Relay 1		Relay 2	
	Open	Latch	Open	Latch
Master Code	No	No	No	No
Code 1,2	Yes	Yes	No	No
Code 3, 4, 5	No	No	Yes	Yes

***LATCHING RELAY:** In order to latch either relay, simply enter the code, followed by "7". Repeat (code, 7) in order to unlatch the relay.

The top example would be used where the driveway gate was connected to Relay 1 (and could be locked open), and the pedestrian gate was connected to Relay 2. (No latching possible).

Programming of Essex Keypad

GOAL: Set-up master and user codes

Set Master Code

Step	Action
1	Press "Program" switch once. (keypad will beep 4 times)
2	Once "Program" switch is pressed, you have 2 minutes to complete Step 5.
3	Press "1119". (you will hear 3 beeps)
4	Step 5 must be completed within 5 seconds of Step 3.
5	Enter "Master Code" *
6	Wait 5 seconds for 3 beeps to confirm new "Master Code".

Set User Code 1

Step	Action
1	Enter "Master Code"
2	Enter 111 (3 beeps).
3	Enter User Code 1.
4	Wait 5 seconds for 3 reset beeps.

Set User Code 2

Step	Action
1	Enter "Master Code"
2	Enter 113 (3 beeps).
3	Enter User Code 2.
4	Wait 5 seconds for 3 reset beeps.

* MASTER CODE: The default Master Code is 13579. This should be replaced by a unique code to be used only by your company. The Master Code can be 3 to 8 digits long.

Set User Code 3

Step	Action
1	Enter "Master Code".
2	Enter 115 (3 beeps).
3	Enter User Code 3.
4	Wait 5 seconds for 3 reset beeps.

Programming of Essex Keypad

Set User Code 4

Step	Action
1	Enter "Master Code".
2	Enter 117 (3 beeps).
3	Enter User Code 4.
4	Wait 5 seconds for 3 reset beeps.

Set User Code 5

Step	Action
1	Enter "Master Code".
2	Enter 119 (3 beeps).
3	Enter User Code 5.
4	Wait 5 seconds for 3 reset beeps.

Delete Any Code

Step	Action
1	Enter Master Code .
2	Enter address of code to be deleted (111, 113, etc.).
3	Do not enter any code until you hear 3 reset beeps.
4	Wait 5 seconds for 3 reset beeps.

Note: User codes can be 3 to 8 digits

Latch a Relay

Step	Action
1	Enter any User Code (1 -5).
2	Enter "7". This will cause the relay to latch (subject to the jumper pin settings - see Page 5).
3	To unlatch the relay, re-enter the user Code, followed by "7".

Programming of Essex Keypad

Set Activation Time Of Relay 1 (User codes 1 & 2 - see note below)

Step	Action
1	Press "Program" switch (keypad will beep 4 times).
2	Enter 1117 (3 beeps).
3	Enter 1 for every 1 second latch time, and 5 for every 5 seconds. Examples: 6 seconds = 5, 1 8 seconds = 5, 1, 1, 1 12 seconds = 5, 5, 1, 1
4	Wait 5 seconds for 4 reset beeps.

Set Activation Time Of Relay 2 (User codes 3, 4 & 5 - see note below)

Step	Action
1	Press "Program" switch (keypad will beep 4 times).
2	Enter 1115 (3 beeps).
3	Enter 1 for every 1 second latch time, and 5 for every 5 seconds. Examples: 6 seconds = 5, 1 8 seconds = 5, 1, 1, 1 12 seconds = 5, 5, 1, 1
4	Wait 5 seconds for 4 reset beeps.

Note: The above 2 steps are actually setting the activation times for user code 1, 2 and user code 3, 4, 5. Using the jumper pin setting as shown in "Set Essex Relay Options", this will set activation time of Relays 1 & 2.

